

| <div> <div>DEVICE WHOSE STATE VALUE IS CHANGED</div> <div>DEVICE WHOSE MANIFUNCTION IS TO BE DETECTED</div> </div> | LEAN | | | | |
|--|-----------------------|--------------------------------|----------------|------------------------------|-----------------------|
| | AIR FUEL RATIO SENSOR | EXHAUST GAS TEMPERATURE SENSOR | AIR FLOW METER | FUEL INJECTION COMMAND VALUE | EGR GAS COMMAND VALUE |
| AIR FUEL RATIO SENSOR | ○ | | | | |
| EXHAUST GAS TEMPERATURE SENSOR | | ○ | | | |
| AIR FLOW METER | ○ | ○ | | | ○ |
| FUEL INJECTION VALVE | ○ | ○ | | | |
| FUEL ADDITION VALVE | | | | | |

| <div> <div>DEVICE WHOSE STATE VALUE IS CHANGED</div> <div>DEVICE WHOSE MANIFUNCTION IS TO BE DETECTED</div> </div> | RICH | | | | | |
|--|-----------------------|--------------------------------|----------------|------------------------------|-----------------------------|-----------------------|
| | AIR FUEL RATIO SENSOR | EXHAUST GAS TEMPERATURE SENSOR | AIR FLOW METER | FUEL INJECTION COMMAND VALUE | FUEL ADDITION COMMAND VALUE | EGR GAS COMMAND VALUE |
| AIR FUEL RATIO SENSOR | | ○ | | | ○ | |
| EXHAUST GAS TEMPERATURE SENSOR | | ○ | | | | |
| AIR FLOW METER | | ○ | | | | ○ |
| FUEL INJECTION VALVE | | | | | ○ | |
| FUEL ADDITION VALVE | | | | | ○ | |

Fig. 2

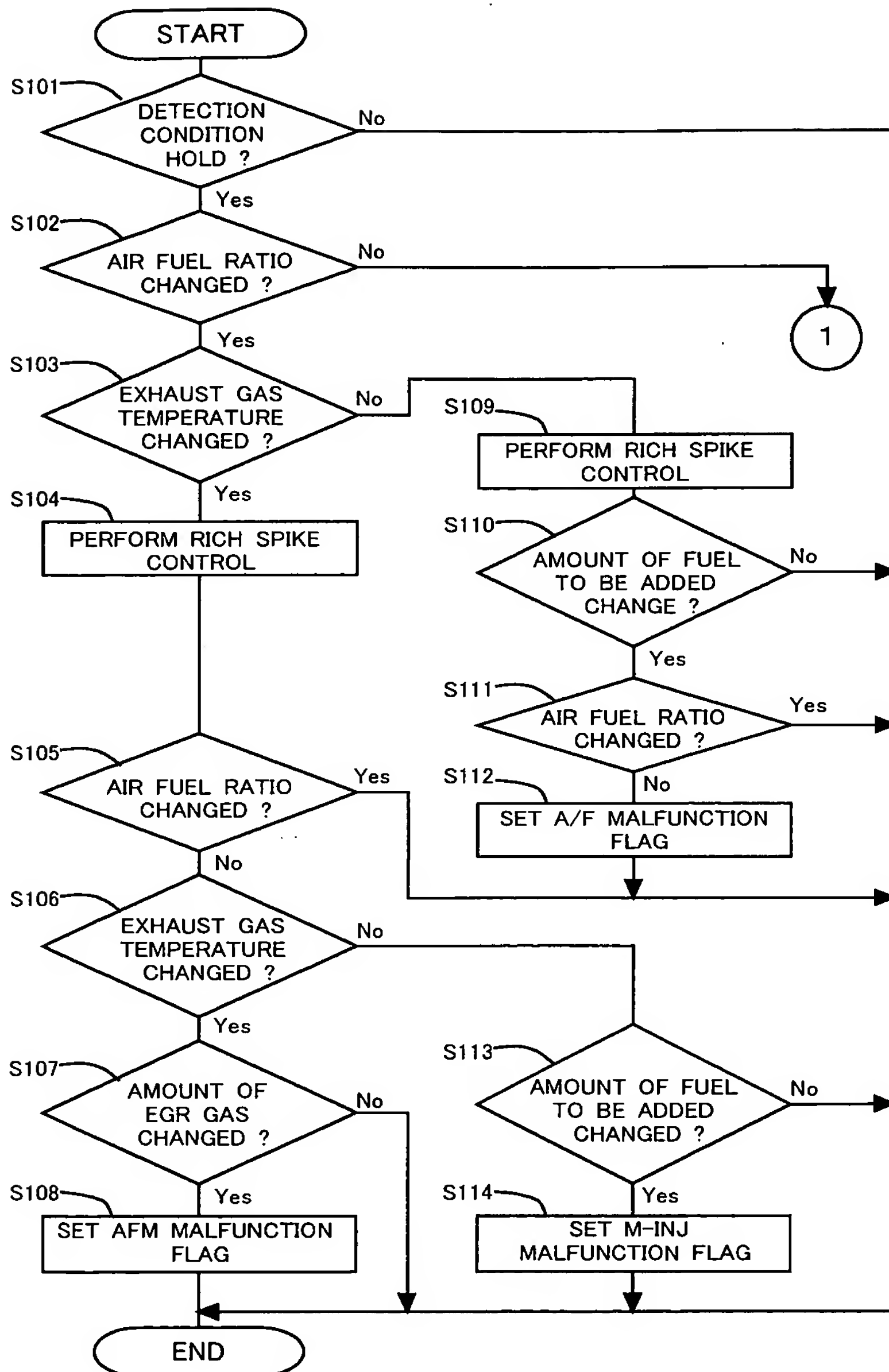


Fig. 3

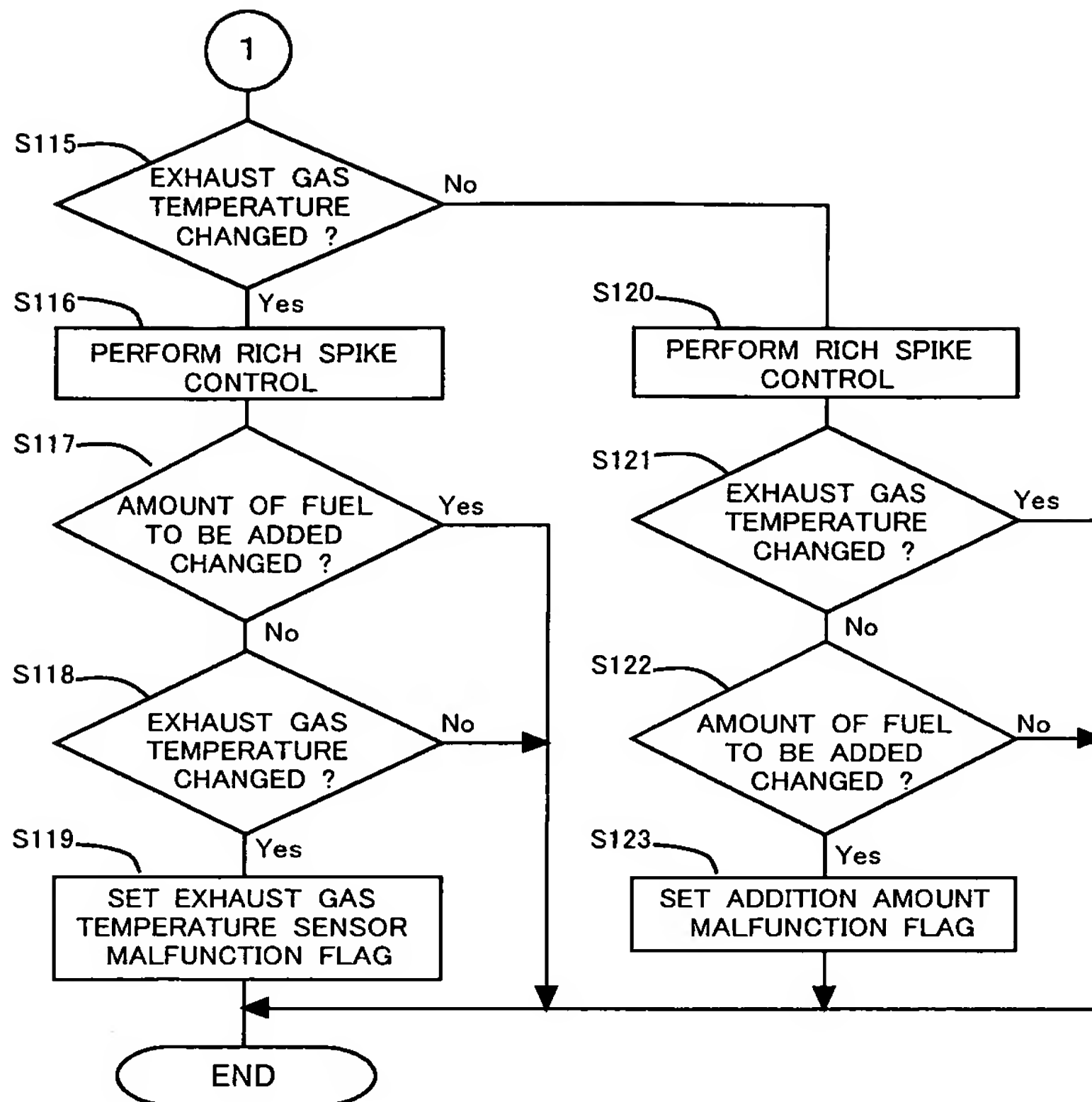


Fig. 4

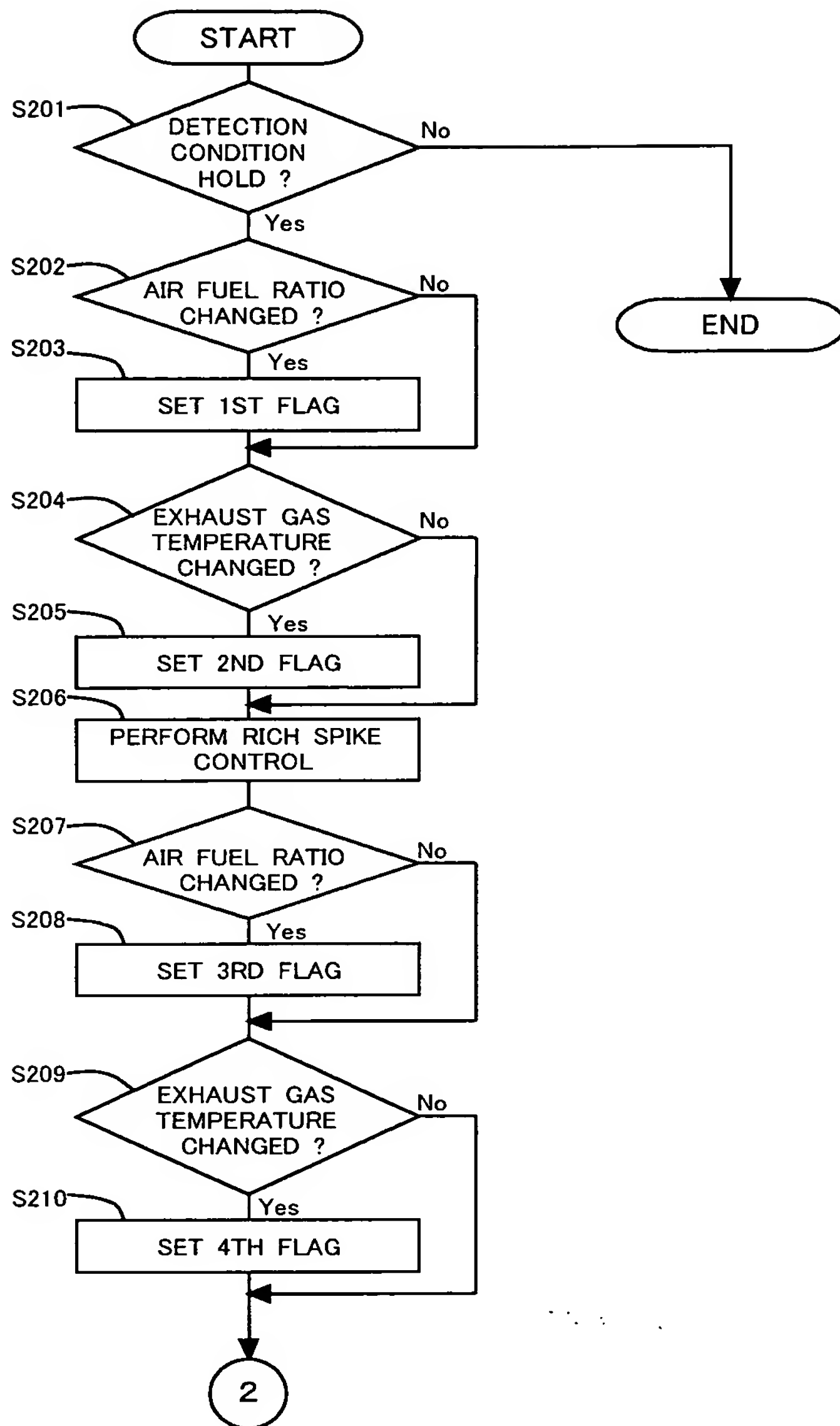


Fig. 5

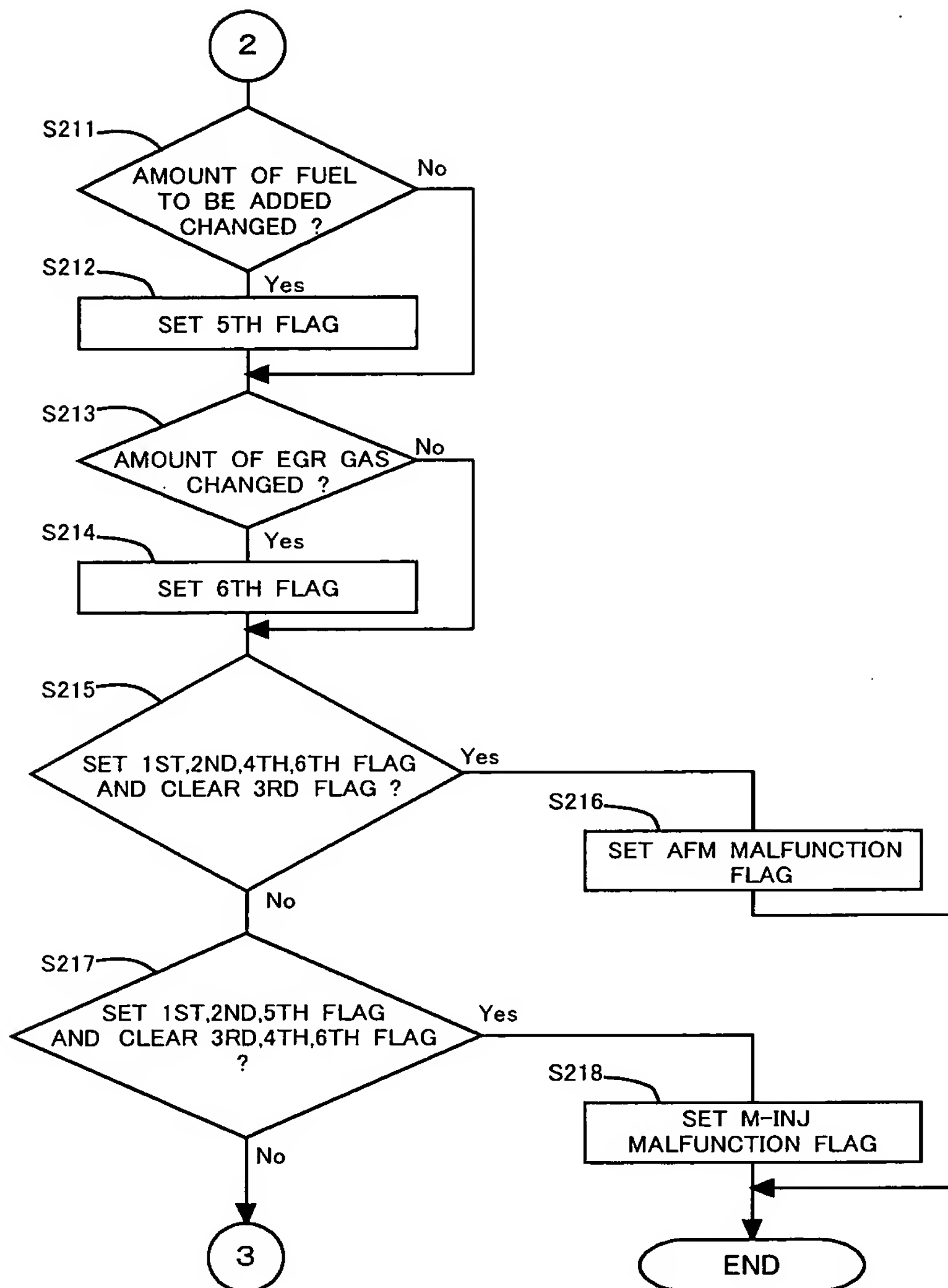


Fig. 6

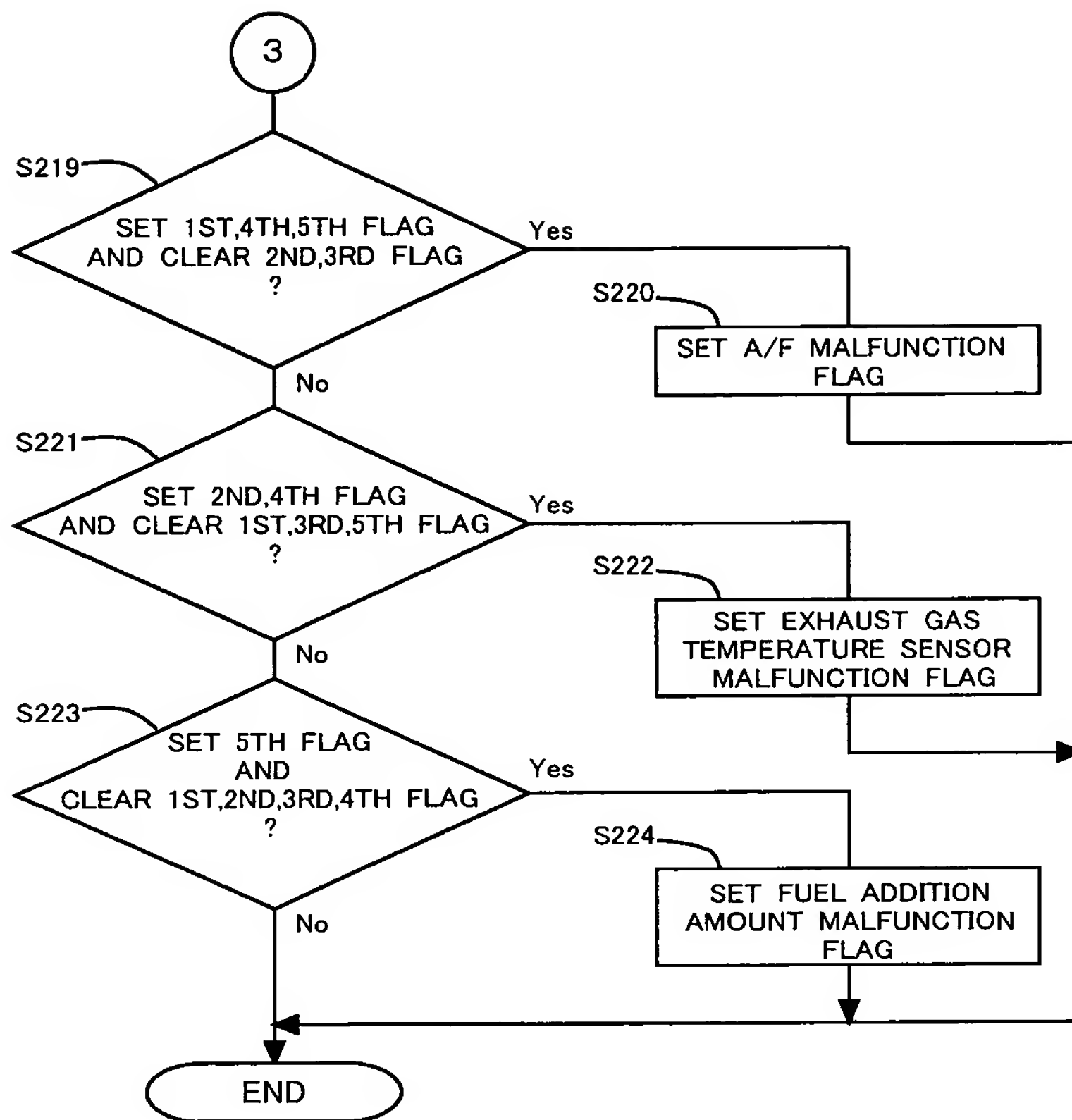


Fig. 7